

Supplemental Digital File

Supplemental Figure Legends

Figure 1A. Labor and Delivery Unit Layout

- Orange area showing OBICU (3 rooms)
- Blue area showing Labor Rooms (10 rooms), Triage Rooms (6 beds), and PACU (4 beds)
- Purple area showing Operating Rooms (3 rooms)

Figure 1B. OBICU Layout - Three separate rooms, each with two beds

The location of the OBICU was selected for its preexisting infrastructure (6 High-Risk Beds) in the Labor and Delivery Unit, close to the obstetric operating rooms. It is adjacent to the anesthesia workroom and has a designated nursing station with remote monitoring capability.

Located outside each room there is an (A) Anesthesia Cart, (S) Supplies Cart, and (I) Isolation Cart. One (C) Code Cart exists for the OBICU.

Figure 1C: OBICU Hallway with supply cart

Figure 1A. Labor and Delivery Unit Layout

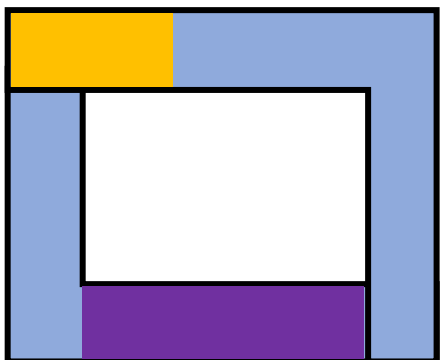


Figure 1B. OBICU layout

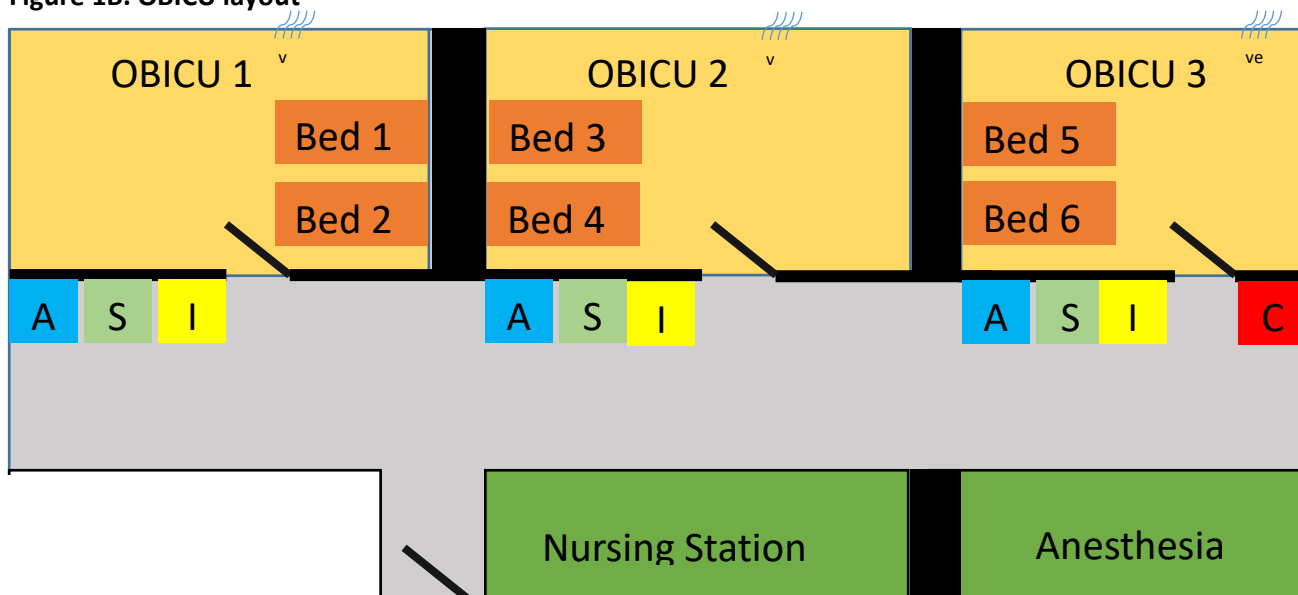


Figure 1C. Supply Carts in OBICU hallway



Supplemental Table 1. List of supplies in each cart

1. Isolation cart

- Non-sterile gloves in multiple sizes
- Masks – regular and N95
- Masks with eye shields
- Gowns – impervious and non-impervious
- Hats
- Isolation signage

2. Supply cart

- IV placement supplies (alcohol wipes, IV catheters, varying sizes, IV start kits, IV tubing, IV fluid bags)
- Phlebotomy supplies (tubes, needles)
- Nasal swab kits
- Sterile and non-sterile gloves
- Selection of sutures
- Needles and syringes for administering drugs

3. Anesthesia Cart

- Anesthesia drug tray, including cardiac medications (remainder of medications were kept centrally on the floor in a locked Omnicell)
- Needles and syringes for administering drugs
- Airway equipment (tubes, laryngoscopes, heat filters, Laryngeal Mask Airways)
- IV placement supplies
- Suction tubing and supplies
- Guidewires (A and J wires)
- Scalpels and Surgical blades in sizes #11 and #15
- Sterile Scissors
- Sterile dressings including chlorhexidine Tegaderms and standard Tegaderms
- Sterile drapes
- Lidocaine 1% and 2% with sterile needles
- Sterile saline
- Ultrasound probe covers
- Specimen acquisition: Sterile specimen cups, culture bottles
- Chloraprep One step
- Webcol-Alcohol Prep
- Sofsilk 2-0 C-15 cutting
- Suture removal kit
- Kelly Hemostat Forceps Straight 5.5"
- Sofsilk 3-0 V-20 Taper
- Lance sterile stainless-steel surgical blade
- 48" (122cm) Arterial Pressure Tubing
- Probe Cover Kit with Gel

- Needle Guide Kit 18G / PE / 48" -Gel
- Tegaderm CHG
- Curity Gauze sponges
- DuoFlex Spring-Wire Guide .021 in dia
- Monoject 0.9% Sodium Chloride flush syringe 10ML fill 8D Angiocath 20 GA 1.88 in / 1.1 x 48mm
- BD 0.9% Sodium Chloride Injection USP 10ml Syringe Radial Artery Catherization Set
- Thermodilution Catheter 8F 5 lumen 110cm RA/RA LF Mac Two-Lumen Central Venous Access Kit Hemostasis Valve Obturator 8 Fr.
- AGB+ Multi-Lumen eve Kit
- Agb Arrowgard Blue Two Lumen Hemodialysis Gath Kit Agb Arrowgard Blue Two Lumen Hemodialysis Gath Kit-ChloraPrep One step
- Magellan 18G x 1-1 /2
- Monoject 12ml syringe luer lock tip
- Monoject 20ml syringe luer lock tip
- Convertors 3 Quarter sheet w/absorbent reinforcement OR Towel Sterile Blue 16x25
- Poly Reinforced Surgical Gown